10508761

```
=> d his

     (FILE 'HOME' ENTERED AT 22:05:35 ON 16 AUG 2006)

     FILE 'REGISTRY' ENTERED AT 22:05:41 ON 16 AUG 2006
L1             STRUCTURE UPLOADED
L2           0 S L1
L3             STRUCTURE UPLOADED
L4           0 S L3
L5           0 S L3
L6           0 S L3 FULL
L7             STRUCTURE UPLOADED
L8          11 S L7
L9         801 S L7 FULL

     FILE 'HCAPLUS' ENTERED AT 22:13:42 ON 16 AUG 2006
L10          4 S L9
L11          2 S L10 AND GIBLIN, G?/AU
L12          2 S L10 NOT L11
L13          0 S L12 AND HALL, A?/AU
L14          0 S L12 AND HURST, D?/AU
L15          0 S L12 AND KILFORD, I?/AN
L16          0 S L12 AND KILFORD, I?/AU
L17          0 S L12 AND LEWELL, X?/AU
L18          0 S L12 AND TAYLOR, A?/AU
L19          0 S L12 AND NOVELLI, R?/AU

     FILE 'CAOLD' ENTERED AT 22:15:54 ON 16 AUG 2006
L20          0 S L9

=>
```

Updated Search

10508761

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1612bxr

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

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 NEWS  1          Web Page URLs for STN Seminar Schedule - N. America
 NEWS  2          "Ask CAS" for self-help around the clock
 NEWS  3  FEB 27  New STN AnaVist pricing effective March 1, 2006
 NEWS  4  APR 04  STN AnaVist $500 visualization usage credit offered
 NEWS  5  MAY 10  CA/CAplus enhanced with 1900-1906 U.S. patent records
 NEWS  6  MAY 11  KOREAPAT updates resume
 NEWS  7  MAY 19  Derwent World Patents Index to be reloaded and enhanced
 NEWS  8  MAY 30  IPC 8 Rolled-up Core codes added to CA/CAplus and
                  USPATFULL/USPAT2
 NEWS  9  MAY 30  The F-Term thesaurus is now available in CA/CAplus
 NEWS 10  JUN 02  The first reclassification of IPC codes now complete in
                  INPADOC
 NEWS 11  JUN 26  TULSA/TULSA2 reloaded and enhanced with new search and
                  and display fields
 NEWS 12  JUN 28  Price changes in full-text patent databases EPFULL and PCTFULL
 NEWS 13  JUl 11  CHEMSAFE reloaded and enhanced
 NEWS 14  JUl 14  FSTA enhanced with Japanese patents
 NEWS 15  JUl 19  Coverage of Research Disclosure reinstated in DWPI
 NEWS 16  AUG 09  INSPEC enhanced with 1898-1968 archive

 NEWS EXPRESS  JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS LOGIN    Welcome Banner and News Items
 NEWS IPC8     For general information regarding STN implementation of IPC 8
 NEWS X25      X.25 communication option no longer available
```

Enter NEWS followed by the item number or name to see news on that specific topic.

* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 22:05:35 ON 16 AUG 2006

=> file reg

Updated Search

10508761

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 22:05:41 ON 16 AUG 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 15 AUG 2006 HIGHEST RN 901654-60-2
DICTIONARY FILE UPDATES: 15 AUG 2006 HIGHEST RN 901654-60-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Documents and Settings\brobinson1\My Documents\stnweb\Queries\34a.str

L1 STRUCTURE UPLOADED

=> s l1
SAMPLE SEARCH INITIATED 22:06:18 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 6753 TO ITERATE

29.6% PROCESSED 2000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 130134 TO 139986
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=>
Uploading C:\Documents and Settings\brobinson1\My Documents\stnweb\Queries\34a.str

L3 STRUCTURE UPLOADED

=> d l3
L3 HAS NO ANSWERS
L3 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Updated Search

10508761

Structure attributes must be viewed using STN Express query preparation.

```
=> s l3
SAMPLE SEARCH INITIATED 22:07:15 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -     6753 TO ITERATE

 29.6% PROCESSED     2000 ITERATIONS                                  0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:       130134 TO   139986
PROJECTED ANSWERS:               0 TO        0

L4            0 SEA SSS SAM L3

=> s l3
SAMPLE SEARCH INITIATED 22:07:20 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -     6753 TO ITERATE

 29.6% PROCESSED     2000 ITERATIONS                                  0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:       130134 TO   139986
PROJECTED ANSWERS:               0 TO        0

L5            0 SEA SSS SAM L3

=> s l3 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 166.50 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 22:07:27 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   134478 TO ITERATE

100.0% PROCESSED   134478 ITERATIONS                                  0 ANSWERS
SEARCH TIME: 00.00.01

L6            0 SEA SSS FUL L3

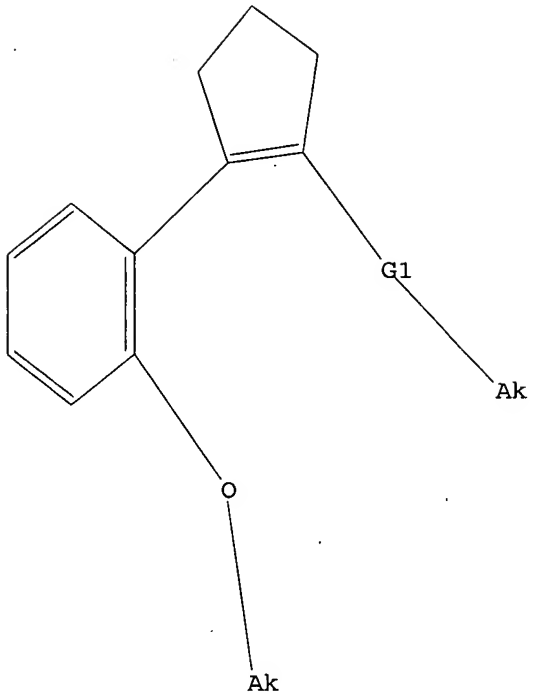
=>
Uploading C:\Documents and Settings\brobinson1\My Documents\stnweb\Queries\34y.str

L7      STRUCTURE UPLOADED

=> d l7
L7 HAS NO ANSWERS
L7              STR
```

Updated Search

10508761



G1 Ph,Hy

Structure attributes must be viewed using STN Express query preparation.

```
=> s l7
SAMPLE SEARCH INITIATED 22:13:34 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -     6762 TO ITERATE

 29.6% PROCESSED     2000 ITERATIONS                                 11 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:       130310 TO   140170
PROJECTED ANSWERS:             378 TO     1108

L8            11 SEA SSS SAM L7

=> s l7 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 166.50 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 22:13:38 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   134677 TO ITERATE

100.0% PROCESSED   134677 ITERATIONS                               801 ANSWERS
SEARCH TIME: 00.00.01

L9           801 SEA SSS FUL L7

=> file hcaplus
```

Updated Search

10508761

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	338.72	338.93

FILE 'HCAPLUS' ENTERED AT 22:13:42 ON 16 AUG 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 16 Aug 2006 VOL 145 ISS 8
FILE LAST UPDATED: 15 Aug 2006 (20060815/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s l9
L10          4 L9

=> s l10 and giblin, g?/au
            58 GIBLIN, G?/AU
L11          2 L10 AND GIBLIN, G?/AU

=> d l11, ibib abs fhitstr, 1-2
```

L11 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN

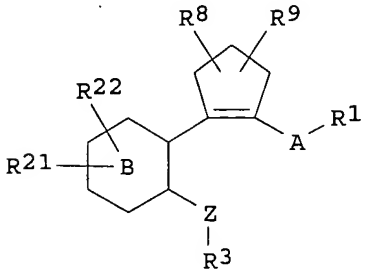
ACCESSION NUMBER:	2005:371223 HCAPLUS
DOCUMENT NUMBER:	142:430146
TITLE:	Preparation of cyclopentene compounds which bind with high affinity to the EP1 receptor
INVENTOR(S):	Giblin, Gerard Martin Paul; Hall, Adrian; Hurst, David Nigel; Kilford, Ian Reginald; Lewell, Xiao Qing; Naylor, Alan; Novelli, Riccardo
PATENT ASSIGNEE(S):	Glaxo Group Limited, UK
SOURCE:	PCT Int. Appl., 201 pp. CODEN: PIXXD2
DOCUMENT TYPE:	Patent
LANGUAGE:	English
FAMILY ACC. NUM. COUNT:	1

PATENT INFORMATION:

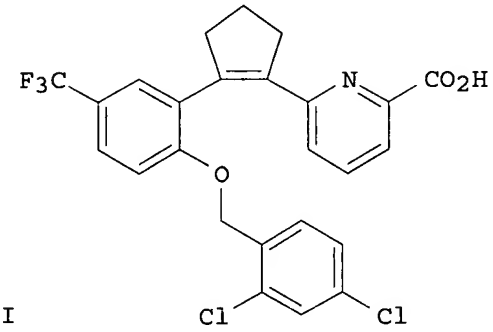
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005037793	A1	20050428	WO 2004-EP11364	20041006
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,				

Updated Search

LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
SN, TD, TG
EP 1670763 A1 20060621 EP 2004-765925 20041006
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, HR
PRIORITY APPLN. INFO.: GB 2003-23581 A 20031008
WO 2004-EP11364 W 20041006
OTHER SOURCE(S): MARPAT 142:430146
GI



I



II

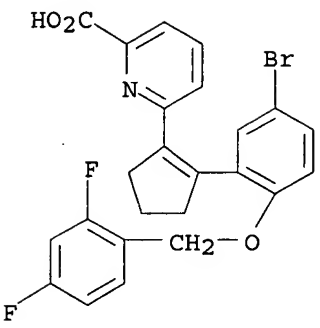
AB The title compds. I [A = (un)substituted aryl, 5-6 membered heterocyclyl, bicyclic heterocyclyl; B = Ph, pyridyl; Z = O, S, SO, SO2; R1 = CO2H, CN, CH2CO2H, etc.; R21, R22 = H, halo, alkyl, etc.; R3 = (un)substituted alkyl (wherein 1 or 2 of the non-terminal carbon atoms are optionally substituted by (un)substituted NH, O, S, SO, SO2), alkenyl, etc.; R8, R9 = H, Cl, F, CF3, alkoxy, alkyl], useful in the treatment of conditions mediated by the action of PGE2 at EP1 receptors, were prepared Thus, hydrolysis of (2,4-dichlorophenyl)methyl 6-{2-[2-{[(2,4-dichlorophenyl)methyl]oxy}-5-(trifluoromethyl)phenyl]-1-cyclopenten-1-yl}-2-pyridinecarboxylate with 2M NaOH solution afforded II. The compds. I had an antagonist pIC50 value of 6.0 to 9.5 at EP1 receptors. The pharmaceutical composition comprising the compound I is disclosed.

IT 850861-20-0P
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of 1,2-disubstituted cyclopentenes which bind with high affinity to the EP1 receptor)

RN 850861-20-0 HCAPLUS

CN 2-Pyridinecarboxylic acid, 6-[2-[5-bromo-2-[(2,4-difluorophenyl)methoxy]phenyl]-1-cyclopenten-1-yl]- (9CI) (CA INDEX NAME)

10508761



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2003:818387 HCAPLUS
DOCUMENT NUMBER: 139:323536
TITLE: Preparation of [2-(2-alkoxyphenyl)cyclopent-1-enyl] substituted (hetero)aromatic carboxylic acids with high affinity to the EP1 receptor
INVENTOR(S): Giblin, Gerard Martin Paul; Hall, Adrian; Hurst, David Nigel; Kilford, Ian Reginald; Lewell, Xiao Qing; Naylor, Alan; Novelli, Riccardo
PATENT ASSIGNEE(S): Glaxo Group Limited, UK
SOURCE: PCT Int. Appl., 180 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

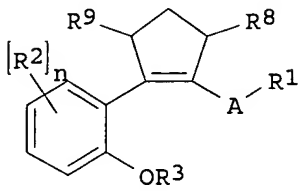
NO

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003084917	A1	20031016	WO 2003-EP3661	20030407
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2481035	AA	20031016	CA 2003-2481035	20030407
AU 2003216920	A1	20031020	AU 2003-216920	20030407
EP 1492757	A1	20050105	EP 2003-712136	20030407
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003009014	A	20050111	BR 2003-9014	20030407
JP 2005522477	T2	20050728	JP 2003-582116	20030407
CN 1659131	A	20050824	CN 2003-812587	20030407
US 2005239802	A1	20051027	US 2004-508761	20040922
NO 2004004689	A	20041029	NO 2004-4689	20041029
PRIORITY APPLN. INFO.:			GB 2002-8045 A	20020408
			GB 2003-2881 A	20030207
			WO 2003-EP3661 W	20030407

Updated Search 10508761

10508761

OTHER SOURCE(S): MARPAT 139:323536
GI



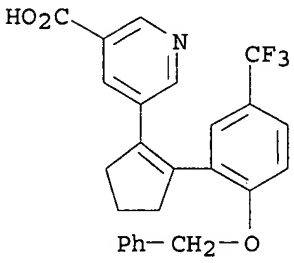
I

AB The title compds. [I; A = (un)substituted Ph, 5-6 membered heterocyclyl, bicyclic heterocyclyl; R1 = CO2R4, CONR5R6, CH2CO2R4, alkyl, etc.; R2 = halo, alkyl, CN, etc.; R3 = alkyl wherein 1 or 2 of the non-terminal carbon atoms may optionally be replaced by NR4, O, SOn (n = 0-2), etc.; R4, R5 = H, alkyl; R6 = H, alkyl, SO2aryl, etc.; R8, R9 = H, alkyl; n = 0-2], useful for treating condition which is mediated by the action of PGE2 at EP1 receptors, were prepared E.g., a multi-step synthesis of [2-(5-chloro-2-benzyloxyphenyl)cyclopent-1-enyl]benzoic acid (starting from 1,2-dibromocyclopentene and (3-ethoxycarbonylphenyl)boronic acid), was given. The compds. I had an antagonist pIC50 value of between 7.0 and 9.5 at EP1 receptors and pIC50 value of <6.0 at EP3 receptors. Pharmaceutical composition comprising the compound I is claimed.

IT 612832-50-5P
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of [2-(2-alkoxyphenyl)cyclopent-1-enyl] substituted (hetero)aromatic carboxylic acids with high affinity to the EP1 receptor)

RN 612832-50-5 HCAPLUS

CN 3-Pyridinecarboxylic acid, 5-[2-[2-(phenylmethoxy)-5-(trifluoromethyl)phenyl]-1-cyclopenten-1-yl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 22:05:35 ON 16 AUG 2006)

FILE 'REGISTRY' ENTERED AT 22:05:41 ON 16 AUG 2006
L1 STRUCTURE UPLOADED
L2 0 S L1

Updated Search

10508761

```
L3                STRUCTURE UPLOADED
L4              0 S L3
L5              0 S L3
L6              0 S L3 FULL
L7                STRUCTURE UPLOADED
L8             11 S L7
L9            801 S L7 FULL

     FILE 'HCAPLUS' ENTERED AT 22:13:42 ON 16 AUG 2006
L10             4 S L9
L11             2 S L10 AND GIBLIN, G?/AU

=> s l10 not l11
L12             2 L10 NOT L11

=> s l12 and hall, a?/au
          2142 HALL, A?/AU
L13             0 L12 AND HALL, A?/AU

=> s l12 and hurst, d?/au
           286 HURST, D?/AU
L14             0 L12 AND HURST, D?/AU

=> s l12 and kilford, i?/an
              0 KILFORD, I?/AN
L15           0 L12 AND KILFORD, I?/AN

=> s l12 and kilford, i?/au
             10 KILFORD, I?/AU
L16           0 L12 AND KILFORD, I?/AU

=> s l12 and lewell, x?/au
             32 LEWELL, X?/AU
L17           0 L12 AND LEWELL, X?/AU

=> s l12 and taylor, a?/au
          4316 TAYLOR, A?/AU
L18           0 L12 AND TAYLOR, A?/AU

=> s l12 and novelli, r?/au
             38 NOVELLI, R?/AU
L19           0 L12 AND NOVELLI, R?/AU

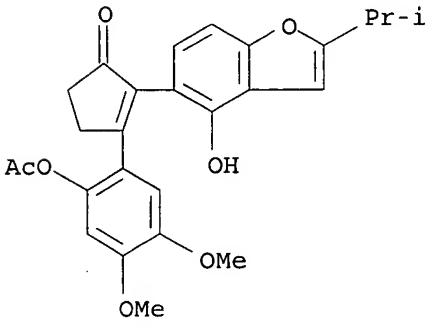
=> d l12, ibib abs hitstr, 1-2

L12  ANSWER 1 OF 2  HCAPLUS  COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:         1971:76357  HCAPLUS
DOCUMENT NUMBER:          74:76357
TITLE:                    Noel bismethylene transfer to 2'-hydroxylated
                          isoflavones by dimethylsulfoxonium methylide:  the
                          reaction and its products
AUTHOR(S):                Crombie, Leslie; Davies, John Salmon; Whiting, Donald
                          A.
CORPORATE SOURCE:         Dep. Chem., Univ. Coll. New South Wales, Cardiff, UK
SOURCE:                   Journal of the Chemical Society [Section] C:  Organic
                          (1971), (2), 304-12
                          CODEN: JSOOAX; ISSN: 0022-4952
DOCUMENT TYPE:            Journal
LANGUAGE:                 English

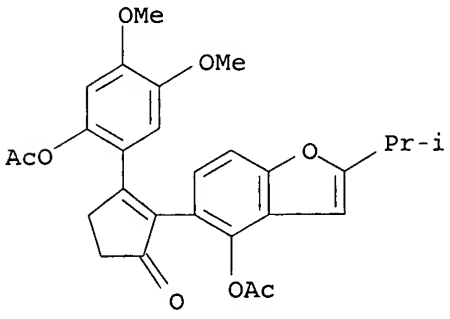

Updated Search
```

10508761

OTHER SOURCE(S): CASREACT 74:76357
GI For diagram(s), see printed CA Issue.
AB Isoderritol isoflavone (I) reacted with excess ylide Me2S(O):CH2 to give a hydroxycyclopentene (II) and by-product decarboxyisoroteno-nonic acid (III). The mechanism [ring cleavage, methylene transfer, and recyclization via the vinylcoumaranone (IV)] was discussed. Acid rearrangement of II gave the stilbenoid cyclopentenone (V), and the dihydro derivative (VI) of II gave a hexacyclic compound (VII). Derritol isoflavone reacted similarly with Me2S(O):CH2. Equimolar amts. of I and Me2S(O):CH2 gave IV.
IT 29517-95-1P 29558-29-0P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 29517-95-1 HCAPLUS
CN 2-Cyclopenten-1-one, 3-(2-hydroxy-4,5-dimethoxyphenyl)-2-(4-hydroxy-2-isopropyl-5-benzofuranyl)-, 3-acetate (8CI) (CA INDEX NAME)



RN 29558-29-0 HCAPLUS
CN 2-Cyclopenten-1-one, 3-(2-hydroxy-4,5-dimethoxyphenyl)-2-(4-hydroxy-2-isopropyl-5-benzofuranyl)-, diacetate (8CI) (CA INDEX NAME)

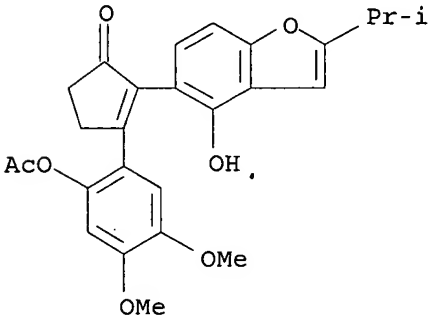


L12 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1970:435251 HCAPLUS
DOCUMENT NUMBER: 73:35251
TITLE: Bis-methylene transfer to 2'-hydroxyisoflavones by dimethylsulfoxonium methylide
AUTHOR(S): Crombie, Leslie; Davies, John Salmon; Whiting, D. A.
CORPORATE SOURCE: Dep. Chem., Univ. Coll. Cardiff, Cardiff, UK
SOURCE: Journal of the Chemical Society [Section] D: Chemical Communications (1970), 9, 535-6

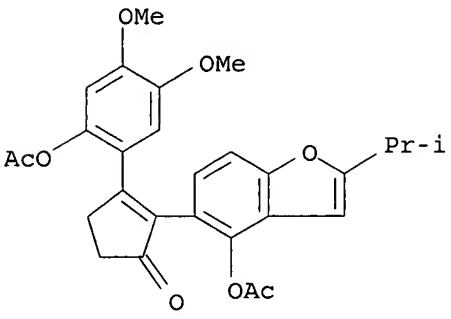
Updated Search

10508761

CODEN: CCJDAO; ISSN: 0577-6171
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 73:35251
GI For diagram(s), see printed CA Issue.
AB Isoderritol isoflavone (I) with 1 and 5 moles Me2S+O-CH2 gave II and double methylene transfer product III, resp., and a small amount of IV. III was also obtained from II under similar reaction conditions, suggesting II as probable intermediate, and III rearranged readily in acid to V. Dihydro derivative (VI) of III formed a monoacetate (VII) whose OH function was readily replaced in acids to give VIII or IX (R = H or D) depending on reaction conditions.
IT 29517-95-1P 29558-29-0P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 29517-95-1 HCAPLUS
CN 2-Cyclopenten-1-one, 3-(2-hydroxy-4,5-dimethoxyphenyl)-2-(4-hydroxy-2-isopropyl-5-benzofuranyl)-, 3-acetate (8CI) (CA INDEX NAME)



RN 29558-29-0 HCAPLUS
CN 2-Cyclopenten-1-one, 3-(2-hydroxy-4,5-dimethoxyphenyl)-2-(4-hydroxy-2-isopropyl-5-benzofuranyl)-, diacetate (8CI) (CA INDEX NAME)



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FILE 'REGISTRY' ENTERED AT 22:05:41 ON 16 AUG 2006
L1 STRUCTURE UPLOADED

Updated Search

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L2             0 S L1
L3               STRUCTURE UPLOADED
L4             0 S L3
L5             0 S L3
L6             0 S L3 FULL
L7               STRUCTURE UPLOADED
L8            11 S L7
L9           801 S L7 FULL

     FILE 'HCAPLUS' ENTERED AT 22:13:42 ON 16 AUG 2006
L10            4 S L9
L11            2 S L10 AND GIBLIN, G?/AU
L12            2 S L10 NOT L11
L13            0 S L12 AND HALL, A?/AU
L14            0 S L12 AND HURST, D?/AU
L15            0 S L12 AND KILFORD, I?/AN
L16            0 S L12 AND KILFORD, I?/AU
L17            0 S L12 AND LEWELL, X?/AU
L18            0 S L12 AND TAYLOR, A?/AU
L19            0 S L12 AND NOVELLI, R?/AU

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